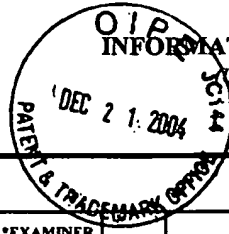
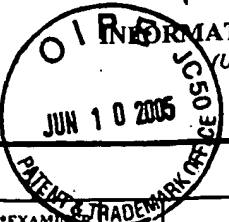


INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 15689.49.3		SERIAL NO. Unassigned	
				Takehiro Nakamura et al.			
				FILING September 29, 2003		GROUP Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
K	5,416,797	5/16/95	Gilhousen et al.	375	705		
I	5,495,498	2/27/96	Tominaga et al.	375	200		
	5,309,474	05/03/94	Gilhousen et al.	375	1		
	5,479,397	12/26/95	W.C.Y. Lee	370	18		
	5,596,333	01/21/97	E.J. Bruckert	342	457		
	5,442,625	08/15/95	R.D. Gitlin et al.	370	18		
	5,596,601	1/21/97	Bar-David				
	5,604,766	2/18/97	Dohi et al.				
	5,673,260	9/30/97	Umeda et al.	370	342		
	5,802,110	9/1/98	Watanabe et al.	375	259		
IC	4,934,844	6/26/90					
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
E	WO 95/12943	05/11/95	PCT				
I	WO 97/50194	12/31/97	PCT				
	WO 97/02665	01/23/97	PCT				
	WO 95/35002	12/21/95	PCT				
E	0 652 650 A2	10/31/94	EPO				
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
K	Tomohiro DOHI, et al., IEICE Trans. Commun., Vol. E79-B, No. 9, September 1996, "Experiments on Coherent Multicode DS-CDMA".						
EXAMINER				DATE CONSIDERED			
K IC				11/12/06			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

				Docket Number (Optional) 15689.49.3		Application Number 10/673,784		
				Applicant(s) Takehiro Nakamura, et al.				
				Filing Date 9/29/2003		Group Art Unit -		
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
LC	1	5,265,119	11/23/1993	Gilhousen et al.	375	1	5/17/1991	
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
LC	2	0 681 406 A1	11/8/1995	Europe	H04Q7	24	✓	
	3	0 534 612 A2	3/31/1993	Europe	H04Q7	04	✓	
	4	0 490 554 A2	6/17/1992	Europe	H04Q7	04	✓	
	5	WO 97/07600	2/27/1997	WIPO	H04B7	005	✓	
LC	6	WO 96/27269	9/6/1996	WIPO	H04Q7	30	✓	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
EXAMINER LC. LC				DATE CONSIDERED 11/12/06				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

				Docket Number (Optional) 15689.49.3		Application Number 10/673,784			
				Applicant(s) Takehiro Nakamura, et al.					
				Filing Date 9/29/2003		Group Art Unit 2631			
U.S. PATENT DOCUMENTS									
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
<i>C</i>	1	5,497,395	3/5/1996	Jou	375	205	4/4/1994		
U.S. PATENT APPLICATION PUBLICATIONS									
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation		
							YES	NO	
<i>C</i>	2	EP 0748074 A2	12/11/1996	Europe	H04J13	02	✓		
<i>C</i>	3	EP 0696113 A2	2/7/1996	Europe	H04B7	06	✓		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
<i>C</i>	4	Canadian Intellectual Property Office Application No.: 2,485,891							
EXAMINER <i>IC. [signature]</i>				DATE CONSIDERED <i>11/2/06</i>					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 15689.49.3		Application Number 10/673,784	
				Applicant(s) Takehiro Nakamura, et al.			
				Filing Date 9/29/2003		Group Art Unit -	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

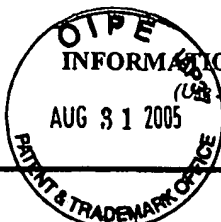
U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	1	09-046311	2/14/1997	Japan	H04J3	00	✓	
	2	05-091079	4/9/1993	Japan	H04J3	12	✓	
	3	09-046275	2/14/1997	Japan	H04B3	04	✓	

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)
		Official Notice of Rejection Patent Application No.: 10-543752	

EXAMINER <div style="text-align: center; font-size: 1.5em;">K. LC</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.5em;">9/14/06</div>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

				Docket Number (Optional) 15689.49.3		Application Number 10/673,784		
				Applicant(s) Takehiro Nakamura, et al.				
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U.S. PATENT DOCUMENTS								
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U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
1C	1	09-008770	1/10/1997	Japan	H04J13	04	✓	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>								
		China Notification of the First Office Action Application No.: 2003101013301						
EXAMINER 1C. 1C				DATE CONSIDERED 9/12/06				
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IDS - 05/11/2006 INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket number (Optional) 15689.49.3	Application Number 10/673,784
	Applicant(s) Takehiro Nakamura et al.	
	Filing Date September 29, 2003	Group Art Unit 2618

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE



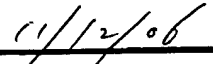
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16	1	0 682 418 A2	05/12/1995	EPO	H0487	005	X	
16	2	CN1126930	7/17/1996	China	H04B7	005	X	

EXAMINER 16 1a	DATE CONSIDERED 11/12/06
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 15689.49.3		APPLICATION NO. 10/673.784		
				APPLICANT(S) Takehiro Nakamura et al.				
				FILING DATE September 29, 2003		GROUP ART UNIT -		
U.S. PATENT DOCUMENTS								
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U.S. PATENT APPLICATION PUBLICATIONS								
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FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
K	7	EP 0 758 168 A1	2/12/1997	Europe	H04J13	04	✓	
f	8	WO 95/31879	11/23/1995	WIPO	H04Q7	22	✓	
K	9	EP 0652650 B1	5/10/1995	Europe	H04B7	26	✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
K	10	Multirate Spread Spectrum Direct Sequence CDMA techniques XP 000570787 H. Azad, A.H.Aghvami 1994						
EXAMINER				DATE CONSIDERED				
K. iu				9/12/06				
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket number (Optional) 15689.49.3	Application Number 10/673,784
	Applicant(s) Takehiro Nakamura et al.	
	Filing Date September 29, 2003	Group Art Unit 2618

*Examiner Initial	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	3	Chinese Office Action for Chinese Patent Application No.: 20031010330.1
EXAMINER	DATE CONSIDERED	
		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		